

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

What is claimed is:

1. (original) A method for initiating an emergency Internet Protocol request using an Internet Protocol enabled device having Global Positioning Systems capability, the method comprising the steps of:

monitoring the Internet Protocol enabled device for one or more emergency criteria; and

obtaining global positioning data using the Global Positioning Systems capability and sending the emergency Internet Protocol request whenever the one or more emergency criteria are satisfied.

2. (original) The method as recited in claim 1, wherein the Internet Protocol enabled device is selected from a group consisting of a PCMCIA card, a PCI card, an Internet Protocol phone, a personal data assistant and a computer.

3. (original) The method as recited in claim 1, wherein the one or more emergency criteria include entry of an emergency code, a 911 signal, a panic signal, an emergency activation button, a sensor alarm or an emergency condition specific signal.

4. (original) The method as recited in claim 1, wherein the global positioning data includes vertical and horizontal coordinates.

5. (original) The method as recited in claim 1, wherein the global positioning data includes a longitude, a latitude and an altitude for the Internet Protocol enabled device.

6. (original) The method as recited in claim 1, wherein the step of sending the emergency Internet Protocol request comprises the steps of:

imbedding the global positioning data into a Session Initiation Protocol request; and

sending the Session Initiation Protocol request.

7. (original) The method as recited in claim 6, wherein the Session Initiation Protocol request is sent to an address server.

8. (original) The method as recited in claim 1, further comprising the steps of:

receiving the emergency Internet Protocol request at an address server;
obtaining local emergency services data based on the global positioning data;
dialing a call center station based on the local emergency services data; and
passing an emergency call from the Internet Protocol enabled device to the call center station.

9. (original) The method as recited in claim 8, wherein the call center station is an emergency services operator.

10. (original) The method as recited in claim 8, further comprising the step of providing a telephone number for one or more local emergency service providers to the call center station based on the local emergency services data.

11. (original) The method as recited in claim 10, wherein the one or more local emergency service providers are selected from the group consisting of an emergency call center, police, fire, poison control, emergency medical services, coast guard, military, federal agency and rescue.

12. (original) The method as recited in claim 8, further comprising the step of providing the global positioning data to the call center station.

13. (original) A method for handling an emergency Internet Protocol request from an Internet Protocol enabled device having Global Positioning Systems capability, the method comprising the steps of:

receiving the emergency Internet Protocol request containing global positioning data for the Internet Protocol enabled device;
obtaining local emergency services data based on the global positioning data;
dialing a call center station based on the local emergency services data; and
passing an emergency call from the Internet Protocol enabled device to the call center station.

14. (original) The method as recited in claim 13, wherein the Internet Protocol enabled device is selected from a group consisting of a PCMCIA card, a PCI card, an Internet Protocol phone, a personal data assistant and a computer.

15. (original) The method as recited in claim 13, wherein the emergency Internet Protocol request is sent whenever one or more emergency criteria are satisfied.

16. (original) The method as recited in claim 15, wherein the one or more emergency criteria include entry of an emergency code, a 911 signal, a panic signal, an emergency activation button, a sensor alarm or an emergency condition specific signal.
17. (original) The method as recited in claim 13, wherein the global positioning data includes vertical and horizontal coordinates.
18. (original) The method as recited in claim 13, wherein the global positioning data includes a longitude, a latitude and an altitude for the Internet Protocol enabled device.
19. (original) The method as recited in claim 13, wherein the emergency Internet Protocol request comprises a Session Initiation Protocol request.
20. (original) The method as recited in claim 13, wherein the call center station is an emergency services operator.
21. (original) The method as recited in claim 13, further comprising the step of providing a telephone number for one or more local emergency service providers to the call center station based on the local emergency services data.
22. (original) The method as recited in claim 21, wherein the one or more local emergency service providers are selected from the group consisting of an emergency call center, police, fire, poison control, emergency medical services, coast guard, military, federal agency and rescue.
23. (original) The method as recited in claim 13, further comprising the step of providing the global positioning data to the call center station.
24. (original) A computer program embodied on a computer readable medium for initiating an emergency Internet Protocol request using an Internet Protocol enabled device having Global Positioning Systems capability, the computer program comprising:
 - a code segment for monitoring the Internet Protocol enabled device for one or more emergency criteria; and
 - a code segment for obtaining global positioning data using the Global Positioning Systems capability and sending the emergency Internet Protocol request whenever the one or more emergency criteria are satisfied.
25. (original) The computer program as recited in claim 24, wherein the Internet Protocol enabled device is selected from a group consisting of a PCMCIA card, a PCI card, an Internet Protocol phone, a personal data assistant and a computer.
26. (original) The computer program as recited in claim 24, wherein the one or more emergency criteria include entry of an emergency code, a 911 signal, a panic signal, an emergency activation button, a sensor alarm or an emergency condition specific signal.

27. (original) The computer program as recited in claim 24, wherein the global positioning data includes vertical and horizontal coordinates.
28. (original) The computer program as recited in claim 24, wherein the global positioning data includes a longitude, a latitude and an altitude for the Internet Protocol enabled device.
29. (original) The computer program as recited in claim 24, wherein the code segment for sending the emergency Internet Protocol request comprises:
 - a code segment for imbedding the global positioning data into a Session Initiation Protocol request; and
 - a code segment for sending the Session Initiation Protocol request.
30. (original) The computer program as recited in claim 29, wherein the Session Initiation Protocol request is sent to an address server.
31. (original) The computer program as recited in claim 24, further comprising:
 - a code segment for receiving the emergency Internet Protocol request at an address server;
 - a code segment for obtaining local emergency services data based on the global positioning data;
 - a code segment for dialing a call center station based on the local emergency services data; and
 - a code segment for passing an emergency call from the Internet Protocol enabled device to the call center station.
32. (original) The computer program as recited in claim 31, wherein the call center station is an emergency services operator.
33. (original) The computer program as recited in claim 31, further comprising a code segment for providing a telephone number for one or more local emergency service providers to the call center station based on the local emergency services data.
34. (original) The computer program as recited in claim 33, wherein the one or more local emergency service providers are selected from the group consisting of an emergency call center, police, fire, poison control, emergency medical services, coast guard, military, federal agency and rescue.
35. (original) The computer program as recited in claim 31, further comprising a code segment for providing the global positioning data to the call center station.

36. (original) A computer program for handling an emergency Internet Protocol request from an Internet Protocol enabled device having Global Positioning Systems capability, the computer program comprising:

 a code segment for receiving the emergency Internet Protocol request containing global positioning data for the Internet Protocol enabled device;

 a code segment for obtaining local emergency services data based on the global positioning data;

 a code segment for dialing a call center station based on the local emergency services data; and

 a code segment for passing an emergency call from the Internet Protocol enabled device to the call center station.

37. (original) The computer program as recited in claim 36, wherein the Internet Protocol enabled device is selected from a group consisting of a PCMCIA card, a PCI card, an Internet Protocol phone, a personal data assistant and a computer.

38. (original) The computer program as recited in claim 36, wherein the emergency Internet Protocol request is sent whenever one or more emergency criteria are satisfied.

39. (original) The computer program as recited in claim 38, wherein the one or more emergency criteria include entry of an emergency code, a 911 signal, a panic signal, an emergency activation button, a sensor alarm or an emergency condition specific signal.

40. (original) The computer program as recited in claim 36, wherein the global positioning data includes vertical and horizontal coordinates.

41. (original) The computer program as recited in claim 36, wherein the global positioning data includes a longitude, a latitude and an altitude for the Internet Protocol enabled device.

42. (original) The computer program as recited in claim 36, wherein the emergency Internet Protocol request comprises a Session Initiation Protocol request.

43. (original) The computer program as recited in claim 36, wherein the call center station is an emergency services operator.

44. (original) The computer program as recited in claim 36, further comprising a code segment for providing a telephone number for one or more local emergency service providers to the call center station based on the local emergency services data.

45. (original) The computer program as recited in claim 44, wherein the one or more local emergency service providers are selected from the group consisting of an emergency

call center, police, fire, poison control, emergency medical services, coast guard, military, federal agency and rescue.

46. (original) The computer program as recited in claim 36, further comprising a code segment for providing the global positioning data to the call center station.

47. (original) An apparatus comprising:

an Internet Protocol enabled device;

a Global Positioning Systems component within the Internet Protocol enabled device;
and

an emergency Internet Protocol component within the Internet Protocol enabled device that monitors the Internet Protocol enabled device for one or more emergency criteria, and obtains global positioning data from the Global Positioning Systems component and sends the emergency Internet Protocol request whenever the one or more emergency criteria are satisfied.

48. (original) The apparatus as recited in claim 47, wherein the Internet Protocol enabled device is selected from a group consisting of a PCMCIA card, a PCI card, an Internet Protocol phone, a personal data assistant and a computer.

49. (original) The apparatus as recited in claim 47, wherein the one or more emergency criteria include entry of an emergency code, a 911 signal, a panic signal, an emergency activation button, a sensor alarm or an emergency condition specific signal.

50. (original) The apparatus as recited in claim 47, wherein the global positioning data includes vertical and horizontal coordinates.

51. (original) The apparatus as recited in claim 47, wherein the global positioning data includes a longitude, a latitude and an altitude for the Internet Protocol enabled device.

52. (original) The apparatus as recited in claim 47, wherein the emergency Internet Protocol request comprises a Session Initiation Protocol request containing the global positioning data.

53. (original) The apparatus as recited in claim 52, wherein the Session Initiation Protocol request is sent to an address server that obtains local emergency services data based on the global positioning data, dials a call center station based on the local emergency services data and passes an emergency call from the Internet Protocol enabled device to the call center station.

54. (original) The apparatus as recited in claim 53, wherein the call center station is an emergency services operator.

55. (original) The apparatus as recited in claim 53, wherein the address server further provides a telephone number for one or more local emergency service providers to the call center station based on the local emergency services data.

56. (original) The apparatus as recited in claim 55, wherein the one or more local emergency service providers are selected from the group consisting of an emergency call center, police, fire, poison control, emergency medical services, coast guard, military, federal agency and rescue.

57. (original) The apparatus as recited in claim 53, wherein the address server further provides the global positioning data to the call center station.

58. (original) A system comprising:

an address server;

a database communicably coupled to the address server; and

the address server receiving an emergency Internet Protocol request containing global positioning data for an Internet Protocol enabled device, obtaining local emergency services data based on the global positioning data and providing emergency information to one or more emergency services based on the local emergency services data.

59. (original) The system as recited in claim 58, further comprising:

a communications network communicably coupled to the address server; and

one or more Internet Protocol enabled devices communicably coupled to the communications network.

60. (original) The system as recited in claim 59, wherein the Internet Protocol enabled device is selected from a group consisting of a PCMCIA card, a PCI card, an Internet Protocol phone, a personal data assistant and a computer.

61. (original) The system as recited in claim 59, wherein the emergency Internet Protocol request is sent whenever one or more emergency criteria are satisfied.

62. (original) The system as recited in claim 61, wherein the one or more emergency criteria include entry of an emergency code, a 911 signal, a panic signal, an emergency activation button, a sensor alarm or an emergency condition specific signal.

63. (original) The system as recited in claim 59, wherein the global positioning data includes vertical and horizontal coordinates.

64. (original) The system as recited in claim 59, wherein the global positioning data includes a longitude, a latitude and an altitude for the Internet Protocol enabled device.

65. (original) The system as recited in claim 59, wherein the emergency Internet Protocol request comprises a Session Initiation Protocol request.

66. (original) The system as recited in claim 59, wherein the call center station is an emergency services operator.

67. (original) The system as recited in claim 59, wherein the address server further provides a telephone number for one or more local emergency service providers to the call center station based on the local emergency services data.

68. (original) The system as recited in claim 67, wherein the one or more local emergency service providers are selected from the group consisting of an emergency call center, police, fire, poison control, emergency medical services, coast guard, military, federal agency and rescue.

69. (original) The system as recited in claim 59, wherein the address server further provides the global positioning data to the call center station.